

1. A wastewater source control system for use with a sewer service line conducting a flow of wastewater from a sewage line of a building to a sewer main, the wastewater source control system comprising:

a flow control device adapted to be installed in the sewer service line, the flow control device automatically closing in response to a backflow of wastewater and/or stormwater from the sewer main, through the sewer service line and toward the building, and the flow control device automatically opening in response to a normal flow of wastewater from the building, through the sewer service line and into the sewer main;

a detention tank disposed in the sewer service line upstream of the flow control device, the detention tank detaining wastewater in response to the flow control device being closed and the wastewater draining from the detention tank upon the flow control device subsequently opening.

2. The wastewater source control system of claim 1 wherein the flow control device is disposed near a downstream end of the sewer service line.

3. The wastewater source control system of claim 2 wherein the detention tank is disposed near a downstream end of the sewer service line.

4. The wastewater source control system of claim 2 wherein the detention tank is disposed near an upstream end of the sewer service line.

5. The wastewater source control system of claim 1 further comprising a service box and the flow control device is disposed in the service box.

6. The wastewater source control system of claim 1 wherein the detention tank and flow control device are disposed near an upstream end of the sewer service line.

7. The wastewater source control system of claim 6 wherein the detention tank and flow control device are located inside a perimeter of the building.

8. A method of reducing wastewater in a sewer main receiving the wastewater from a sewer service line connected to a sewage line in a building, the method comprising:

providing a flow control device connected in the sewer service line and a detention tank connected in the sewer service line upstream of the flow control device;

automatically closing the flow control device in response to a backflow of stormwater from the sewer main, through the sewer service line and up to the flow control device; and

detaining the wastewater from the building in the detention tank while the flow control device is closed.

9. The method of claim 8 further comprising:

automatically opening the flow control device in response to a flow of stormwater away from the flow control device; and

automatically draining the wastewater detained in the detention tank in response to the flow control device being open.